

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:
REBECCA E. CAHOON ET AL.

CASE NO: BB1356 US PCT

APPLICATION NO.: 10/009,791

GROUP ART UNIT: UNKNOWN

FILED: NOVEMBER 5, 2001

EXAMINER: UNKNOWN

FOR: DISEASE RESISTANCE FACTORS

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08. A copy of the information is also enclosed. Also attached hereto is a copy of an International Search Report in a corresponding foreign application and copies of those references cited therein.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,



PAUL D. GOLIAN
Attorney for Applicants
Registration No. 42,591
Telephone: 302-992-3749
Facsimile: 302-892-1026

ENCL.

Please type a plus sign (+) inside this box

→ +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002, OMB 0651-0031

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/009,791
		Filing Date	NOVEMBER 5, 2001
		First Named Inventor	PERRY G. CAIMI ET AL.
		Group Art Unit	Unknown
		Examiner Name	Unknown
Sheet	1	of	1
		Attorney Docket Number	BB1356 US PCT

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

She

of 1

1

1

Complete if Known

Application Number	10/009,791
Filing Date	NOVEMBER 5, 2001
First Named Inventor	PERRY G. CAIMI ET AL.
Group Art Unit	Unknown
Examiner Name	Unknown

Attorney Docket Number BB1356 US PCT

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

[REDACTED] EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box →

PTO/SB/08B(08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/009,791
(use as many sheets as necessary)		Filing Date	NOVEMBER 5, 2001
Sheet	2	of	2
		First Named Inventor	PERRY G. CAIMI ET AL.
		Group Art Unit	Unknown
		Examiner Name	Unknown
		Attorney Docket Number	BB1356 US PCT

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
		JOHN GRAY ET AL., CELL, VOL. 89:25-31, 1997, A NOVEL SUPPRESSOR OF CELL DEATH IN PLANTS ENCODED BY THE LIS1 GENE OF MAIZE	
		DAO-XIN XIE ET AL., SCIENCE, VOL. 280:1091-1094, 1998, COI1: AN ARABIDOPSIS GENE REQUIRED FOR JASMONATE-REGULATED DEFENSE AND FERTILITY	
		BART J.F. FEYS ET AL., PLANT CELL, VOL. 6:751-759, 1994, ARABIDIOPSIS MUTANTS SELECTED FOR RESISTANCE TO THE PHYTOTOXIN ARE MALE STERILE, INSENSITIVE TO METHYL JASMONATE, AND RESISTANT TO BACTERIAL PATHOGEN	
		MARIA JOSE CORDERO ET AL., PLANT J., VOL. 6(2):141-150, 1994, EXPRESSION OF A MAIZE PROTEINASE INHIBITOR GENE IS INDUCED IN RESPONSE TO WOUNDING AND FUNGAL INFECTION: SYSTEMIC WOUND-RESPONSE OF A MONOCOT GENE	
		CARL SIMMONS ET AL., MOL. PLANT-MICROBE INT., VOL. 11(11):1110-1118, 1998, THE MAIZE LETHAL LEAF SPOT 1 MUTANT HAS Elevated RESISTANCE TO FUNGAL INFECTION AT THE LEAF EPIDERMIS	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 2088647, 04-05-2000, X. LIN ET AL., SEQUENCE AND ANALYSIS OF CHROMOSOME 2 OF THE PLANT ARABIDOPSIS THALIANA	
		XIAOYING LIN ET AL., NATURE, VOL. 402:761-768, 1999, SEQUENCE AND ANALYSIS OF CHROMOSOME 2 OF THE PLANT ARABIDOPSIS THALIANA	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 3158394, 05-28-1998, B. J. FEYS ET AL., ARABIDOPSIS MUTANTS SELECTED FOR RESISTANCE TO THE PHYTOTOXIN CORONATINE ARE MALE STERILE, INSENSITIVE TO METHYL JASMONATE, AND RESISTANT TO A BACTERIAL PATHOGEN	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFICATION NO: 1935912, 04-24-2001, J. GRAY ET AL., A NOVEL SUPPRESSOR OF CELL DEATH IN PLANTS ENCODED BY THE LIS1 GENE OF MAIZE	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 1935914, 04-15-1997, T. NEWMAN ET AL., GENES GALORE: A SUMMARY OF METHODS FOR ACCESSING RESULTS FROM LARGE-SCALE PARTIAL SEQUENCE OF ANONYMOUS ARABIDOPSIS CDNA CLONES	
		TOM NEWMAN ET AL., PLANT PHYS., VOL. 106:1241-1255, 1994, GENES GALORE: A SUMMARY OF METHODS FOR ACCESSING RESULTS FROM LARGE-SCALE PARTIAL SEQUENCE OF ANONYMOUS ARABIDOPSIS CDNA CLONES	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 7489721, 07-21-2000, J. GRAY ET AL., A NOVEL SUPPRESSOR OF CELL DEATH IN PLANTS ENCODED BY THE LIS1 GENE OF MAIZE	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08B(08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

2

Complete If Known

Application Number	10/009,791
Filing Date	NOVEMBER 5, 2001
First Named Inventor	PERRY G. CAIMI ET AL.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	BB1356 US PCT

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		EMBL DATABASE SEQUENCE LISTING ACCESSION NO: AW061660, 10-06-1999, V. WALBOT, MAIZE ESTS FROM VARIOUS CDNA LIBRARIES SEQUENCED AT STANFORD UNIVERSITY	
		EMBL DATABASE SEQUENCE LISTING ACCESSION NO: AQ161346, 09-09-1998, R. A. WING ET AL., A BAC END SEQUENCING FRAMEWORK TO SEQUENCE THE RICE GENOME	
		EMBL DATABASE SEQUENCE LISTING ACCESSION NO: AW054624, 09-26-1999, V. WALBOT, MAIZE ESTS FROM VARIOUS CDNA LIBRARIES SEQUENCED AT STANFORD UNIVERSITY	
		EMBL DATABASE SEQUENCE LISTING ACCESSION NO: AF036340, 05-29-1998, B. J. FEYS ET AL., ARABIDOPSIS MUTANTS SELECTED FOR RESISTANCE TO THE PHYTOTOXIC ARE MALE STERILE, INSENSITIVE TO METHYL JASMONATE, AND RESISTANT TO BACTERIAL PATHOGEN	
		EMBL DATABASE SEQUENCE LISTING ACCESSION NO: AI444738, 03-16-1999, V. WALBOT, MAIZE ESTS FROM VARIOUS CDNA LIBRARIES SEQUENCED AT STANFORD UNIVERSITY	
		EMBL DATABASE SEQUENCE LISTING ACCESSION NO: AU032235, 10-19-1998, YAMAMOTO, K. ET AL., RICE CDNA FROM ROOT	
		CELSO E. BENEDETTI ET AL., PLANT PHYS., VOL. 116:1037-1042, 1998, DIFFERENTIAL EXPRESSION OF A NOVEL GENE IN RESPONSE TO CORONATINE, METHYL JASMONATE, AND WOUNDING IN THE COI1 MUTANT OF ARABIDOPSIS	
		IRIS A.M.A. PENNICKX ET AL., PLANT CELL, VOL. 10:2103-2113, 1998, CONCOMITANT ACTIVATION OF JASMONATE AND ETHYLENE RESPONSE PATHWAYS IS REQUIRED FOR INDUCTION OF A PLANT DEFENSIN GENE IN ARABIDOPSIS	
		BART P.H.J. THOMMA ET AL., PNAS, VOL. 95:15107-15111, 1998, SEPARATE JASMONATE-DEPENDENT AND SALICYLATE-DEPENDENT DEFENSE-RESPONSE PATHWAYS IN ARABIDOPSIS ARE ESSENTIAL FOR RESISTANCE TO DISTINCT MICROBIAL PATHOGENS	
		EMBL DATABASE SEQUENCE LISTING ACCESSION NO: U77346, 04-19-1997, J. GRAY ET AL., A NOVEL SUPPRESSOR OF CELL DEATH IN PLANTS ENCODED BY THE LIS1 GENE OF MAIZE	
		EMBL DATABASE SEQUENCE LISTING ACCESSION NO: U77345, 04-18-1997, A NOVEL SUPPRESSOR OF CELL DEATH IN PLANTS ENCODED BY THE LIS1 GENE OF MAIZE	

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.